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**INSTRUCTIONS:** This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence including the Patent, advance orders and notification of maintenance fees will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.

**1. CURRENT CORRESPONDENCE ADDRESS** (Note: Use Block 1 for any change of address)

23448

7590

07/15/2005

**INTELLECTUAL PROPERTY / TECHNOLOGY LAW**  
**PO BOX 14329**

**RESEARCH TRIANGLE PARK, NC 27709**

09/30/2005 TBESHAN2 00000063 10089143

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Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

**Certificate of Mailing or Transmission**

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

**Joanna Joslyn**

(Depositor's name)

*Joanna Joslyn*

(Signature)

September 28, 2005

(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/089,143	07/16/2002	Frank-Gunter Niemz	4197-116	9811

**TITLE OF INVENTION: METHOD AND DEVICE FOR REGULATING THE COMPOSITION OF SOLUTION (S)**

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	<del>YES</del>	\$700	\$0	<del>\$700</del> \$1400.00	10/17/2005
EXAMINER		ART UNIT	CLASS-SU BCLASS		
DEL SOLE, JOSEPH S		1722	264-17800F		

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required.

2. For printing on the patent front page, list

(1) the names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 Marianne Fuierer

2 Steven J. Hultquist

3 Tristan A. Fuierer

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.111. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

Zimmer AG

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Frankfurt, GERMANY

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. The following fee(s) are enclosed:

☒ Issue Fee

☐ Publication Fee (No small entity discount permitted)

☐ Advance Order - # of Copies \_\_\_\_\_

4b. Payment of Fee(s):

☐ A check in the amount of the fee(s) is enclosed.

☒ Payment by credit card. Form PTO-2038 is attached. any deficiencies

☒ The Director is hereby authorized by charge the assigned fee(s) or credit any overpayment, to Deposit Account Number 08-3284 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

☐ a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.

☒ b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant, a registered attorney or agent, or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

*Marianne Fuierer*

Date

September 28, 2005

Typed or printed name

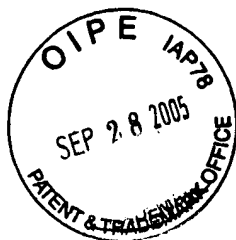
Marianne Fuierer

Registration No.

39,983

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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## PATENT APPLICATION

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re United States Patent Application of:	)	Docket No.:	4197-116
Applicant:	)	Examiner:	Del Sole, Joseph S.
Application No.:	)	Art Unit:	1722
Date Filed:	)	Customer No.:	23448
Title:	)		
	)		
	)		
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	)		
	)		

**METHOD AND DEVICE FOR  
REGULATING THE  
COMPOSITION OF  
SOLUTION(S)**

**FACSIMILE TRANSMISSION CERTIFICATE**  
**Fax No. (571) 273-2885**

I hereby certify that this document is being filed in the United States Patent and Trademark Office, via facsimile transmission to Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450, on September 28, 2005, to United States Patent and Trademark Office facsimile transmission number (571) 273-2885.

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Number of Pages (including cover)

  
Joanna Joslyn

September 28, 2005

Date

**SUBMISSION OF ISSUE FEE TRANSMITTAL AND NOTICE OF CHANGE OF STATUS  
FROM SMALL TO LARGE ENTITY FOR U.S. PATENT APPLICATION NO. 10/089,143**

Mail Stop Issue Fee  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Enclosed is the Issue Fee Transmittal, along with a Credit Card Form authorizing the Commissioner for Patents to charge the amount of \$1400.00 for the issue fee, in response to the Notice of Allowance dated July 15, 2005 in the above-identified patent application.

**BEST AVAILABLE COPY**


Additionally, this Notice of Change of Status is submitted to notify the Patent and Trademark Office that a Large Entity interest has recently been created in the invention and patent rights of this patent application.

The size of the applicant's assignee, Zimmer AG, constitutes a large entity under the provisions of 37 CFR § 1.9.

Accordingly, a large entity status obtains for the above-identified patent application.

The Commissioner is requested to charge any deficiency or credit any overpayment to Deposit Account No. 08-3284 of Intellectual Property/Technology Law.

Respectfully submitted,

  
Marianne Fuierer  
Reg. No. 39,983  
Attorney for Applicants

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